



**Applied Materials Technologies Inc.**

A professional design and engineering firm

**Clay A. Fust**

**Marine Surveyor**

**Marine Casualty Investigator**

[marinesafetyexperts@hotmail.com](mailto:marinesafetyexperts@hotmail.com)

Captain Fust is a specialist in the field of Marine Safety with expertise in commercial vessel condition surveys, accident investigations, quality assurance and regulatory compliance inspections. He is the owner and president of Marine Safety Experts, Inc., which provides these services to commercial clients as well as third-party inspection and consulting services for federal and state regulatory agencies. He has also acted as an expert witness for both plaintiffs and defendants in legal actions involving all types of marine casualties.

Captain Fust is a former U.S. Coast Guard commissioned officer who served on active duty for over twenty-eight years. His assignments included a wide range of missions including high seas search and rescue, Alaskan fisheries law enforcement, anti-submarine warfare operations, exchange programs with the U. S. Navy and the Inland Waterways Operators (towing industry trade association), regulatory compliance inspections in a major shipyard, drafting and enforcement of federal commercial and recreational vessel safety regulations and standards, on scene coordination of emergency response operations for oil and hazardous material spills, port security functions and challenging leadership and command responsibilities at three busy U. S. commercial ports.

**Areas of Specialization**

Commercial vessel condition and compliance surveys

Marine casualty investigations

Ship construction and repair quality assurance inspections

Marine Safety program management

**Education**

Bachelor of Science

U.S. Coast Guard Academy • 1972

## **Professional Education and Formal Training**

- Commercial Vessel Inspection – USCG Marine Safety School
- Marine Casualty Investigation – USCG MSS & DOT Transportation Safety Institute
- Recreational Boating Accident Investigation – Wyle Laboratories
- Fracture Analysis - DOT Transportation Safety Institute
- Non-Destructive Testing of Materials – U.S. Army Materials Command
- Aluminum Welding Inspection – Alcoa Technical Center
- LNG Gas Carrier Inspection – USCG Marine Safety School
- Merchant Marine Industry Training (6 months) – USCG/American Waterways Operators □  
Inflatable Life Raft Service Certification – Viking Life-Saving Equipment, Inc.
- Confined Space Entry Safety – OSHA
- NFPA 101 – Life Safety Code - NFPA
- Incident Command System – FEMA/U.S. Forest Service
- Marine Fire Fighting Command and Control – MARAD/USCG Headquarters
- Marine Firefighting Practical Course – U. S. Navy
- Port Safety and Law Enforcement – USCG Marine Safety School
- Hazardous Chemical Emergency Management – US DOT/EPA
- Occupational Respiratory Protection – CDC/NIOSH
- Marine Chemist Association – “Shipyard Competent Person” certification– MCA/NFPA
- Total Quality Management – USCG Training Center
- Senior Officer Leadership and Management – USCG Training Center
- Media Relations – USCG Training Center
- Anti-Submarine Warfare Officer, Advanced ASW Sensors & Weapons – U. S. Navy
- Advanced Ship Handling course & simulator – MARAD

## **Certifications**

Captain Fust’s professional certifications include U. S. Coast Guard Marine Safety Professional (permanent “Marine Safety Insignia”), Shipyard Competent Person (NFPA), ASTM Level II NDT technician (US Army), and Third Party Examiner for underwater hull surveys (USCG); Command Ashore qualification (USCG), Surface Warfare Officer (permanent USN SWO Insignia), USCG and USN Deck Watch Officer (qualified for Independent and Fleet Ops OOD), Command Duty Officer (USN).



**Mr. Clay A. Fust**

**Accomplishments and Awards**

Twenty-two military decorations including the Meritorious Service Medal, four Coast Guard Commendation Medals, two Coast Guard Achievement Medals, and six Unit and Team Commendations

Voluntarily returned to active duty for three months in 2001, two weeks after 9/11 terrorist attacks to assist with USCG/DOT efforts to draft emergency security legislation for the Congress – later signed into law as the Maritime Transportation Security Act of 2002; recognized by Commandant (G-M) with a fourth CG Commendation Medal, December 2001

Recognized by the Mayor of Superior, Wisconsin with “Clay A. Fust Day” for contributions to public safety as the On-Scene Coordinator during a major chemical spill caused by a train derailment that required the evacuation of over 40,000 residents in Superior and Duluth, MN, June 1992

Named “Maritime Person of the Year”, Propeller Club of the United States, Cincinnati Chapter, 1989

